

BIDS AND AWARDS COMMITTEE FOR FREE WI-FI INTERNET ACCESS IN PUBLIC PLACES PROJECT (BAC4FREEWIFI)

Supplemental Bid Bulletin No. 4

Procurement of Two (2) Lots of System Management and Access Services

BAC4FREEWIFI-2016-05-008

Please be advised of the changes in the schedule of the Submission and Opening of Bids for this project:

Activity	Previous Schedule	Revised Schedule
Submission of Bids	21 June 2016 12 Noon	24 June 2016 12 Noon
Bid Opening	21 June 2016 1 PM	24 June 2016 1 PM

After considering the queries, clarifications, recommendations and suggestions, the BAC4FREEWIFI hereby decides to include, revise, amend, delete and/or adapt the following provisions:

<u>ORIGINAL PROVISION</u>					<u>AMENDED PROVISION</u>				
Section VII. Technical Specifications									
Lot 1 - Procurement of System Management and Access 1 Part 2 (SMA1B) Services									
Table 1					Table 1				
No.	Component Managed Service (CMS)	# CMS Instances	Monthly Service Fee (MSF) (Php)	Sub-Total ABC (12 x MSF) (Php)	No.	Component Managed Service (CMS)	# CMS Instances	Monthly Service Fee (MSF) (Php)	Sub-Total ABC (12 x MSF) (Php)
1	Network Operations Management Sub-Service	1 lot	102,833.33	1,234,000.00	1	Network Operations Management Sub-Service	1 lot	102,833.33	1,234,000.00
2	Site Access (Wi-Fi), User Capacity = 4-50 users	4,937 sites*	2,217.50	131,373,570.00	2	Site Access (Wi-Fi), User Capacity = 4-50 users	4,937 sites*	2,217.50	131,373,570.00
2*b	Wi-Fi CMS Auxiliary Power Add-On Option, 100W	1,452 sites*	323.33	5,662,800.00	2*b	Wi-Fi CMS Auxiliary Power Add-On Option, 100W	1,452 sites*	325.00	5,662,800.00
3	Site Access (Wi-	14	1,025.00	172,200.00	3	Site Access (Wi-	14	1,025.00	172,200.00

ORIGINAL PROVISION					AMENDED PROVISION				
	Fi), User Capacity = 51-100 users	sites*				Fi), User Capacity = 51-100 users	sites*		
4	Site Auxiliary Connectivity Service Add-On Option	9,605 mbps*	varies, please see Table 2	104,861,500.00	4	Site Auxiliary Connectivity Service Add-On Option	9,605 mbps*	varies, please see Table 2	104,861,500.00
Total ABC				243,304,070.00	Total ABC				243,304,070.00

**Section VIII Bidding Forms
Annex VII-A**

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Total ABC				243,304,070.00	Total ABC				243,304,070.00

All terms, conditions and instructions to bidders specified in the Bidding Documents inconsistent with this Bid Bulletin are hereby superseded and modified accordingly.



Please use the following forms attached in this Supplemental Bid Bulletin:

- Revised Technical Specifications as of 1 June 2016 –
Lot 1 – Procurement of System Management and Access 1 Part 2 (SMA1B) Service
- Revised Detailed Financial Bid Form as of 16 June 2016

For information and guidance of all concerned.

Issued this 16th day of June 2016.

(Original Signed)

MARIA TERESA MAGNO-GARCIA

Chairperson, BAC4FREEWIFI



(Bidder's Company Letterhead)

Procurement of Two (2) Lots of System Management and Access Services

BAC4FREEWIFI-2016-05-008

**REVISED TECHNICAL SPECIFICATIONS
AS OF 16 JUNE 2016**

INSTRUCTION TO THE SUPPLIER: Indicate **"COMPLY"** per line number under **Bidder's Statement of Compliance** if Bidder can meet the technical specifications and project requirements. **DO NOT LEAVE ANY BLANK. A "YES" or "NO" ENTRY WILL NOT BE ACCEPTED. FAILURE TO CONFORM WILL RESULT IN A RATING OF "FAILED"**.

Lot 1: Procurement of System Management and Access 1 Part 2 (SMA1B) Services

MINIMUM SPECIFICATIONS	STATEMENT OF COMPLIANCE
1. GENERAL DESCRIPTION	
1.1. The Free Wi-Fi Internet Access in Public Places project, the "PROJECT", of the ICT Office aims to provide as a free public service Wi-Fi Internet access at select public places across the country. From 2016, the PROJECT is expanded in scope and now aims to cover municipalities in <u>all</u> Income Classes;	
1.2. This tender is for the supply of the Site Access (Wi-Fi) Component Managed Services at various locations for the "Phase 1 System Management & Access Part 2 Service (SMA1B)".	
1.3. The SERVICE shall be distinctly provisioned but necessarily interoperable and compatible with the existing SMA1 Service	
1.3.1. A Proof of Concept/Live Demonstration shall be conducted with the S/LCB during Post Qualification to validate that the offered Access Point is interoperable and compatible with the existing SMA1 Service. Guidelines for the conduct of Proof of Concept/Live Demonstration is attached as Annex E	
1.3.2. It is understood that inter-operating costs shall be for the account of the Bidder. The Bidder shall undertake to enter into an agreement with SMA1 Service Provider.	

1.4.	This tender is composed of one (1) lot for itemized subscriptions to CMS instances;	
1.5.	To aid BIDDERS, the following annexes are provided:	
1.5.1.	ANNEX A: System Service Stack Overview	
1.5.2.	ANNEX B.1: System Abstract Link Diagram	
1.5.3.	ANNEX B.2: Typical Link Diagram for Sites in Metro Manila	
1.5.4.	ANNEX B.3: Typical Link Diagram for Site in a PoPs	
1.5.5.	ANNEX C: General Schedule Diagram	
1.5.6.	ANNEX D: Site Access (Wi-Fi) CMS Instances	
	1.5.6.1. Annex D.1 Site Access (Wi-Fi) CMS Instances - Summary	
	1.5.6.3. Annex D.2 Site Access (Wi-Fi) CMS Instances – Mandatory Sites	
	1.5.6.5. Annex D.3 Site Access (Wi-Fi) CMS Instances – Non-Mandatory Sites	
1.5.7.	ANNEX E: Interoperability Test Cases	
1.5.9.	ANNEX F: Sample Captive Portal and Landing Page	
2.	APPROVED BUDGET FOR THE CONTRACT (ABC). The Approved Budget for the Contract (ABC) for service under this tender is PESOS: TWO HUNDRED FORTY THREE MILLION THREE HUNDRED FOUR THOUSAND SEVENTY (PHP243,304,070.00).	

Table 1				
No.	Component Managed Service (CMS)	# CMS Instances	Monthly Service Fee (MSF) (PhP)	Sub-Total ABC (12 x MSF) (PhP)
1	Network Operations Management Sub-Service	1 lot	102,833.33	1,234,000.00
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3	Site Access (Wi-Fi), User Capacity = 51-100 users	14 sites*	1,025.00	172,200.00
4	Site Auxiliary Connectivity	9,605	varies,	104,861,500.00

	Service Add-On Option	mbps*	please see Table 2	
			Total ABC	243,304,070.00

* Maximum number of instances

2.1 While ICT OFFICE provisioned site connectivity, or that provided by a partner public institution, will in some cases be available, it can be expected that many sites shall not have the necessary connectivity available. At such sites, auxiliary connectivity add-on services shall be required as indicated in Annex D.

Table 2: Site Auxiliary Connectivity Service Add-On Option

No.	Wi-Fi CMS Auxiliary Connectivity Add-On Option Concurrent User Capacity	Total mbps per Income Class	Monthly Service Fee, PhP (MSF), per mbps	Sub-Total ABC, PhP (12 x MSF)
5*a	Class 1 City Connectivity	7	925.00	77,700.00
5*b	Class 2 City Connectivity	14	975.00	163,800.00
5*c	Class 3 City Connectivity	6	1033.33	74,400.00
5*d	Class 4 City Connectivity	6	1083.33	78,000.00
5*e	Class 3 Municipality Connectivity	4,042	866.67	42,036,800.00
5*f	Class 4 Municipality Connectivity	3,336	916.67	36,696,000.00
5*e	Class 5 Municipality Connectivity	2,144	975.00	25,084,800.00
5*f	Class 6 Municipality Connectivity	50	1083.33	650,000.00
Sub Total ABC				104,861,500.00

2.2. Some Wi-Fi CMS instances will be located where utility electricity will not be available or will only be intermittently available. At such locations, auxiliary (alternative) power add-on services shall be required as indicated in Annex D and summarized as follows.

2.3. The above add-on service options should not be considered as separate sub-services but rather as integral to the corresponding mPoP or Wi-Fi CMS instances specified. The ICT OFFICE reserves

<p>the right to decline deployment of an add-on service option in case it is later determined that an option is no longer necessary or to deploy the add-on option at another site where it is found necessary. In case of the former, the auxiliary (alternative) power add-on monthly fee shall not be paid.</p>	
<p>2.4. BIDDERS should note that the ABC has been computed with the assumption that the ICT OFFICE would be considered at most as the anchor tenant that would only provide “breakeven” revenue. The tender however has been designed so that the provider could share the facilities and services with other tenants, while meeting the ICT OFFICE's requirements under this tender, subject to ICT OFFICE’s policies and pertinent government rules and regulations.</p>	
<p>2.5. Use of any or all data generated by this Project, shall be subject to the prior written approval of the Head of ICT Office, and other pertinent government rules and regulations.</p>	
<p>2.6. Information shared, transmitted and provided to between the Supplier and ICT Office shall not be disclosed to any third party</p>	
<p>2.7. The captive portal is controlled and its contents determined by the ICT Office. However, the landing page created, administered and owned by the BIDDER through which the monetization aspect of the SERVICE is to be carried out, shall be operated under the following conditions:</p>	
<p>2.7.1. The landing page is private in nature, and for which reason, the BIDDER shall be solely responsible for its contents, and any liability or obligation arising there from is understood to be its own, and ICT Office, its officials, agents and employees shall be free from all such liabilities and claims for damages and/or suits.</p>	
<p>2.7.2. BIDDER shall insure that the landing page shall be of such nature, form and design that it shall be of value to the end user or the general public, and any content which shall be offensive or contrary to law, morals and public policy must not be allowed and the same is strictly prohibited.</p>	
<p>2.8. A sample diagram and illustration of the design and ownership of the captive portal and the landing page is attached hereto as Annex F.</p>	
<p>3. PROPOSAL SUBMISSION AND EVALUATION</p>	
<p>3.1. A BIDDER should submit <u>one proposal</u> that 1) satisfies the specifications and requirements given herein; 2) provides a</p>	

<p>Monthly Service Fee (MSF) value for each CMS and CMS Add-on Option given above; and 3) results in a total BID PRICE, equal to the MSF of each CMS multiplied by the maximum number of instances thereof that does not exceed the ABC;</p>	
<p>3.2. PROPOSALS shall be submitted using the form provided and shall include the MSF of each CMS listed.</p>	
<p>4. DURATION AND EFFECTIVITY OF CONTRACT(S)</p>	
<p>4.1. CMS instances shall be <u>individually</u> contracted, under its Master Agreement, for TWELVE (12) months of service and can be extended while being subjected for government procurement process.</p>	
<p>4.2. A contract for a CMS instance shall start from the issuance of the Certificate of Acceptance and shall remain in effect until such a time that 12 * 365 / 12 days of service shall have been received.</p>	
<p>5. DELIVERY. Mission-critical CMS instances must be delivered in SIXTY (60) days. All Wi-Fi CMS instances shall be delivered according to the following schedule, which is given relative to the receipt of the Notice-To-Proceed (NTP):</p>	
<p>5.1 Within NINETY (90) days, one third ($\frac{1}{3}$) of all CMS instances;</p>	
<p>5.2 Within ONE HUNDRED TWENTY (120) days, two thirds ($\frac{2}{3}$) of all CMS instances; and,</p>	
<p>5.3 Within ONE HUNDRED FIFTY (150) days, all CMS instances.</p>	
<p>6. GENERAL REQUIREMENTS</p>	
<p>6.1. The SERVICE shall provide for at least 60 million registered users and 120 million registered device IDs, of which 145,000 users/devices can be concurrent at any given time, generating up to 25,000 Mbps of aggregated international and domestic Internet traffic, across more than 7,118 sites through up to 3,000 service providers. The SERVICE shall support the ICT Office's Central Office, its eight (8) Field Operations Offices (FOO) and its eighty-one (81) FOO Provincial Offices (FOO-PO), and up to 5,000 other partner public institutions and service providers of the PROJECT;</p>	
<p>6.2. The SERVICE shall utilize all the necessary resources as provided by the System and Management Access Part 1 winning bidder. All costs for the interoperability shall be borne by the SERVICE.</p>	
<p>6.3. The SERVICE shall provide management and control access through a Virtual Private Network (VPN) service accessible</p>	

<p>through the public Internet with a dedicated internal VLAN to all CMS instances at all System Levels;</p>																			
<p>6.3.1. VPN access shall use TLS authentication with machine and user digital certificates issued by the National PKI operated by the ICT OFFICE to ensure security and accountability;</p>																			
<p>6.3.2. VPN service at System Levels 1 and 2 (i.e. Core and PoPs) shall be considered mission-critical.</p>																			
<p>6.4. The SERVICE shall monitor and provide a proactive solution against</p>																			
<p>6.4.1. DOS/DDOS Attacks;</p>																			
<p>6.4.2. Man-in-the-middle Attacks (including but not limited to SSID spoofing);</p>																			
<p>6.4.3. Malwares; and,</p>																			
<p>6.4.4. Other malicious threats, working closely with all connectivity providers.</p>																			
<p>6.4.4.1. The service must be able to provide timely software or firmware updates to mitigate new and emerging threats.</p>																			
<p>6.5. The SERVICE shall implement a Fair Usage Policy (FUP) that shall regulate user/device service parameters, including speed (bandwidth), data volume, and connection time, that will vary based on the Registration Level of a user/device, and possibly the time-of-day.</p>																			
<p>6.5.1. An initial Fair Usage Policy (FUP) shall be implemented by imposing limits on the amount of data a user will be allowed as follows:</p> <table border="1" data-bbox="405 1379 1129 1827"> <thead> <tr> <th rowspan="2">Level</th> <th rowspan="2">Registration</th> <th colspan="2">Data Allocation</th> </tr> <tr> <th>Daily</th> <th>Monthly</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>Gov't Digital Certificate</td> <td>300 MB</td> <td>3 GB</td> </tr> <tr> <td>2</td> <td>Gov't ID / Passport</td> <td>100 MB</td> <td>2 GB</td> </tr> <tr> <td>1</td> <td>Device ID</td> <td>50 MB</td> <td>1 GB</td> </tr> </tbody> </table>	Level	Registration	Data Allocation		Daily	Monthly	3	Gov't Digital Certificate	300 MB	3 GB	2	Gov't ID / Passport	100 MB	2 GB	1	Device ID	50 MB	1 GB	
Level			Registration	Data Allocation															
	Daily	Monthly																	
3	Gov't Digital Certificate	300 MB	3 GB																
2	Gov't ID / Passport	100 MB	2 GB																
1	Device ID	50 MB	1 GB																
<p>6.6. These data limits will apply to traffic carried by the Domestic IP Transport (IPTD) Service or the International IP Transport (IPTI) Service of the PROJECT. Data sourced through the GovNet or PREGINET, or from any caches, or from PH OpenIX shall not impact a user's data limit.</p>																			

6.7. The available bandwidth at a site shall be prioritized corresponding to its Registration Level of each users/device as follows:

Level	Registration	User/Device Traffic Priority
3	Gov't Digital Certificate	High
2	Gov't ID / Passport	Medium
1	Device ID	Low

6.8. All parameter and limit values given should be considered indicative and may be modified by the ICT OFFICE during actual operations.

7. NETWORK OPERATIONS MANAGEMENT SUB-SERVICE.

This mission-critical sub-service shall provide web-based real-time multi-user map- and table- based network management services for the entire network, and shall have the following characteristics, capacities and/or capabilities:

7.1 Scope-configurable real-time dashboards and on demand reporting for all activities/traffic across the entire network showing various pertinent Performance Information/Measures/Trends and Fault Management/Tracking, including, but not limited to, compliance to the Service Level Agreement requirements of all PROJECT IP Transport Services;

7.1.1 All metrics must and can be reported on different degrees of granularity such as, but not limited to the following;

- 7.1.1.1 per user
- 7.1.1.2 per access point
- 7.1.1.3 per beneficiary site
- 7.1.1.4 per locality
- 7.1.1.5 per province
- 7.1.1.6 per region
- 7.1.1.7 per POP
- 7.1.1.8 per island group
- 7.1.1.9 overall network;

7.1.2	Also includes, but not limited to, success rate of captive portal users (i.e. attempts by end-user devices to associate with the SERVICE's access points and monitor if the end-user device were able to utilize the network and generate traffic); and	
7.1.3	Also includes CPU and memory utilization for all network components.	
7.2	Remote network administration and testing across the entire network with an appropriate configurable multi-user privilege system;	
7.3	Accessible throughout the PROJECT's private IP address space, and the through public Internet through a secure means; and,	
7.4	Uses a cloud-based map service that is also used for public map services (e.g. OpenStreetMap, Google Maps, Bing Maps, etc.) to display network equipment locations specifically access points, with a color coding scheme to indicate access point status.	
7.5	The SERVICE must be able to dump raw data from system and network equipment to a DOST ICTO server in CSV or other delimited text file format.	
7.6	The SERVICE should be able to detect and report in real-time the location of DOS, DDOS, man-in-the-middle (inc. SSID spoof), rogue access points, malware and hacking attempts within the network.	
7.7	The report must specify which specific access point or other network element provided was threatened or affected by the malicious threat and the time it was detected.	
7.8	The SERVICE must be able to notify select group of people via email and/or SMS for changes in configuration, access point and network equipment alarms, downtime and restorations.	
7.9	The notification must have configurable tiers of severity, e.g. critical, major, minor. For example, notifications for minor items will be sent only to staff. However, notifications for major and critical items will be sent to both engineers and directors (service/FOO/PM).	
7.10	24x7 monitoring and helpdesk for the SERVICE must be provided by the BIDDER.	
8	SITE ACCESS (Wi-Fi) CMS. Instances of this CMS shall be capable of providing Wi-Fi access service as specified for each Site in "Annex D: Wi-Fi CMS Instances".	

<p>8.1. The ICT Office shall provide the list of Mandatory and Non-Mandatory (predetermined) Sites. The Bid Offer shall comprise of the Required Total Sites (Mandatory +Non-Mandatory Sites) as stated in Annex D. In the event that the Bidder cannot connect a Mandatory Site beyond its control, the substitution for the Mandatory Site shall only be from the predetermined Non-Mandatory Site which shall be of equivalent Bandwidth AND User Capacity.</p>	
<p>8.2. The List of Required Total Sites shall be final prior to the execution of the Contract.</p>	
<p>8.3. All instances of this CMS shall provide the following sub-services:</p>	
<p>8.3.1. <u>WI-FI ACCESS SUB-SERVICE</u>. This sub-service shall use a single uniform SSID (Service Set ID) that shall default to "PHFreeWiFi", and shall be provided through Wi-Fi Access Point (AP) equipment having the following characteristics, capacities and/or capabilities:</p>	
<p>8.3.1.1. Has a factory programmed MAC address that is permanent and not field modifiable;</p>	
<p>8.3.1.2. Provides Next Generation Hotspot (NGH) Passpoint™ (Release 1 or higher) services (refer to the Wi-Fi Alliance website); (802.11u-2011, 802.11i, 802.1X w/ EAP-SIM) at all locations;</p>	
<p>8.3.1.3. Provides Wi-Fi CERTIFIED™ B, G, and N service, with 40 MHz operation in 2.4 GHz, with coexistence mechanisms in the 2.4 GHz band for sites. In addition, provides operation in 5 GHz for locations with a specified capacity of twenty five (25) or more concurrent users;</p>	
<p>8.3.1.4. Provides 802.1X-RADIUS services supporting at least: EAP-TLS, EAP-TTLS/MSCHAPv2, PEAPv0/EAP-MSCHAPv2;</p>	
<p>8.3.1.5. Capable of EoGRE or SNMP v1c or higher;</p>	
<p>8.3.1.6. Capable of implementing the Fair Usage Policy</p>	
<p>8.3.1.7. Provides performance metrics as specified by ICT OFFICE;</p>	
<p>8.3.1.8. Ability to detect channel interference and adjust accordingly and automatically to maintain the quality of user experience;</p>	

	8.3.1.9. Provides AP isolation or similar that prevents client devices connected to same AP from communicating directly with one another; and,	
	8.3.1.10. Are of the same brand and product line.	
	8.3.1.11. Must be provided by among those certified by ISO 9001, TL 9000 and ISO 14001	
8.4.	<u>SIGNAGE.</u> Each site shall be provided a weatherproof sign, no less than A1 in size of print, compliant to the Communications Standards and Protocols to be prescribed by the ICT OFFICE that shall bare the contact information to be provided by the ICT OFFICE.	
8.5.	<u>CONNECTIVITY SERVICE HOSTING SUB-SERVICES.</u> These sub-services provide hosting of terminal equipment for IPTS-C/MC/R service providers, and shall have the following characteristics, capacities and/or capabilities:	
	8.5.1. Provides at least 4U of EIA-310 ("19") rack space, or the equivalent thereof; and,	
	8.5.2. Provides up to 100 watts of 220 VAC utility electricity;	
8.6.	<u>UNINTERRUPTIBLE POWER SUPPLY SUB-SERVICE.</u> This sub-service shall be made available at all locations with a User Capacity greater or equal to ten (10), and shall provide 220 VAC electric power with a power capacity of 100 watts, and an additional 100 W per 100 concurrent user, sustainable for 1 hour.	
8.7.	<u>AVAILABILITY.</u> These services shall be made available on 24-hour basis at:	
	8.7.1. 97.9% for a Wi-Fi CMS terminating at a PoP;	
	8.7.2. 95.8% for a Wi-Fi CMS terminating at a mPoP CMS within the town proper boundary; and,	
	8.7.3. 91.6% for a Wi-Fi CMS terminating at an mPoP CMS outside the town proper boundary.	
8.8.	<u>LOCATIONS, FACILITIES AND UTILITIES.</u> These services shall be implemented within the premises, or in the immediate vicinity of, the ICT OFFICE or a partner public institution designated by the ICT OFFICE, or in public space such as on a sidewalk, or on utility facilities such an electric pole, and shall have the following characteristics, capacities and/or capabilities:	

<p>8.8.1. Contained within no more than one (1) cubic meter per 100 concurrent user capacity, unless authorized by prior agreement;</p>	
<p>8.8.2. Have a total power requirement of not exceeding 125% of the capacity of the Uninterruptible Power Supply Sub-Service; and,</p>	
<p>8.8.3. Complies with the section below entitled “GENERAL REQUIREMENT ON THE USE OF FACILITIES AND UTILITIES”.</p>	
<p>8.9. FINAL TESTING & ACCEPTANCE (FTA). FTA for an instance of these services will be performed only after connectivity between the instance and the Core Service has been established. It is only upon completion of the FTA that a Certificate of Final Acceptance approved by the Head of the ICT Office will be issued to mark the commencement of the billing period.</p>	
<p>9. OPTIONAL ADD-ON SERVICES</p>	
<p>9.1. SITE AUXILIARY CONNECTIVITY ADD-ON SERVICE. This add-on service shall be made available at the locations indicated in the Annex D, and optional as requested by the ICT OFFICE, and shall provide the appropriate backhaul connectivity from a site to its specified upstream termination point. The capacity of the connectivity shall be equal or better than that specified for each site, but may be lower with corresponding Monthly Service Fee (MSF) adjustments and subject to the approval of the ICT OFFICE;</p>	
<p>9.1.1. Subcontracting shall be allowed;</p>	
<p>9.1.2. Wireless solutions may be used, provided that such shall not be used for non-public-sector purposes outside the scope of the PROJECT. Spectrum usage fees and radio station license fees for wireless links as specified by the NTC shall be borne by the ICT OFFICE provided these links are not carrying commercial traffic and utilized exclusively for this PROJECT. Solutions may use any wireless technology, including but not limited to TV White Space (TVWS) technologies;</p>	

<p>9.1.3. TVWS technologies using the VHF TV bands may be used, subject to issuance of the corresponding Memorandum Circular to be issued by the National Telecommunications Commission, and/or guidelines to be issued by the ICT OFFICE; and,</p>	
<p>9.1.4. TVWS technologies using the UHF TV bands may also be used on a PILOT BASIS in the broadcast service areas that do <u>not</u> include Metro Manila, Metro Cebu and Metro Davao, subject to the approval of the ICT OFFICE;</p>	
<p>9.2. <u>mPoP AUXILIARY (SOLAR) POWER ADD-ON SERVICE.</u> This add-on service shall be made available at the locations indicated in the Annex, and optionally as requested by the ICT OFFICE, and shall provide 220 VAC electric power with a power capacity of 500 watts, and an additional 100 W per 100 concurrent user capacity, sustainable for 12 hours; and,</p>	
<p>9.3. <u>Wi-Fi AUXILIARY (SOLAR) POWER ADD-ON SERVICE.</u> This add-on service shall be made available at the locations indicated in the Annex, and optionally as requested by the ICT OFFICE, and shall provide 220 VAC electric power with a base power capacity of 100 watts, and an additional 100 W per 100 concurrent user capacity, sustainable for 12 hours.</p>	
<p>10. GENERAL REQUIREMENT ON THE USE OF FACILITIES AND UTILITIES</p>	
<p>10.1. Facilities and premises of the ICT OFFICE and its partner institutions shall be made available on an "AS-IS" basis, with no explicit or implied guarantees, unless explicitly stated, or given by prior written agreement(s);</p>	
<p>10.1.1. In cases where indoor installation at a designated location will be necessary, the SERVICE shall be responsible for all necessary coordination with the designated location, with when necessary, with reasonable assistance from the ICT OFFICE and/or its partner institutions;</p>	
<p>10.2. All CMS instances in System Levels 1-3 shall have a separate, duly certified, electric meter, subject to requirements of the ICT OFFICE and/or its partner institutions;</p>	
<p>10.3. Electricity and rent shall be charged once a CMS instance will be used to provide services to non-public sector parties.</p>	
<p>10.4. Electricity consumptions at System Levels 1-3 shall be charged based on an actual consumption measured less a baseline consumption established prior to the start of commercial service, and the actual electric utility bill of the host institution;</p>	

10.4.1. Electricity consumptions at Level 4 shall be contracted with the supplying institution, which may be by the methodology given previously utilizing an electric meter, or by an agreed upon flat monthly rate; and,	
10.4.2. Rent shall be charged on a per location basis according to prevailing government regulations.	
10.5. The SERVICE shall be responsible for any necessary permits and other contractual arrangements required, with reasonable assistance from the ICT OFFICE and/or its partner institutions;	
11. OTHER TECHNICAL REQUIREMENTS	
11.1. The BIDDER shall conduct Interoperability Testing (IOT) with the SMA 1 Part 1 Service Provider to ensure all functionalities will be working as intended and purposed by ICT OFFICE for this project. All costs incurred for the IOT will be borne by the BIDDER. This will be done during the Post Qualification process. See Annex E "Interoperability Testing Procedure".	
11.2. The SERVICE shall provide periodic forecast percentage of completion targets, detailed plans, implement and monitor key progress indicators for all related service deliveries & provisions;	
11.3. The SERVICE shall monitor and provide a proactive solution against DDOS attacks, MAC flooding, ARP spoofing, DNS Cache poisoning, malware-infected sites and other malicious threats transiting through the PROJECT's network; and,	
11.4. The SERVICE may implement any of the services/sub-services using the domestic public cloud provided all service requirements will be met, and any traffic required for the use thereof shall be to the account of the BIDDER.	
12. SUPPORT SERVICES	
12.1. The SERVICE shall coordinate with, and capacitate if necessary, the ICT OFFICE and the SMA1B Service Provider, in the use of the web-based HELPDESK, the configuration and content provisioning of the CAPTURE PORTAL, and/or other services/sub-service which involve personnel of ICT OFFICE or its partners; and,	
12.2. The SERVICE shall provide a fault escalation procedure to ICT OFFICE in case of downtime, and make available specific name(s), e-mail address(es), landline(s) and mobile number(s).	
13. CHARGING AND REBATES	
13.1. Charging shall be made on a monthly basis and shall start upon acceptance of the said CMS instance.	
13.2. Computation of Allowable Downtime and Liquidated Damages	
13.2.1. Computation of Allowable Downtime shall be based on a 24-hour 7 days a week (24x7) work week.	

<p>13.2.2. Computation of Liquidated Damages shall also be based on a 24-hour 7 days a week (24x7) work week and shall be deducted from the WINNING BIDDER's monthly subscription costs for every violation incurred. Computation shall be as follows: DAILY LIQUIDATED DAMAGES COST (DLDC) = 12 * MONTHLY SUBSCRIPTION COST / 365 DAYS</p>	
<p>13.2.3. Downtime or outages at fault by the SERVICE will have a corresponding rebate.</p>	
<p>13.2.4.1. For mission-critical CMS instances or sub-services, a rebate equal to the 1-day penalty of DLDC shall be credited to the ICT OFFICE for each day of failure;</p>	
<p>13.2.4.2. For non-mission-critical CMS instances or sub-services, a rebate equal to the 1/20 of a 1-day penalty of DLDC shall be credited to the ICT OFFICE for each day of failure;</p>	
<p>13.2.4.3. A sample computation should be provided; and,</p>	
<p>13.2.4.4. The computation of rebates should be transparent to the ICT OFFICE.</p>	
<p>13.3. The Monthly Billing Statement shall cover the first day of Service until the thirtieth day of the month and subscription for any fraction of a month shall not be billed for the full month. Pro-rated bill.</p>	
<p>14. OTHER REQUIREMENTS</p>	
<p>14.1. <u>Full Disclosure.</u> The SERVICE shall provide all technical information and access as may be required by the ICT OFFICE to 1) appropriately determine compliance to the specifications (e.g. redundancy, failover, etc.) of this tender; and, 2) monitor the operations and performance of CMS instances and their sub-services. Full disclosure shall also include, when applicable, all technical information and actual usage by all other tenants;</p>	
<p>14.2. <u>Open and Fair Access.</u> Access to the SERVICE or any CMS instance, in part or whole, by 3rd parties, particularly cache content providers and consumers, shall be non-discriminatory on a first-come first-served actual usage basis, subject to the approval and periodic review of the ICT OFFICE. Per Unit Charges shall be uniform for all tenants and shall not exceed those offered to</p>	



	the ICT OFFICE under this tender;	
14.3.	<u>Without Interest in Connectivity Services.</u> To ensure checks and balances shall be in place, a BIDDER shall submit a sworn affidavit that it has no interest and/or participation, direct or indirect, in any of the connectivity services provisioned under the PROJECT, including but not limited to, IPTI, IPTD, IPTM, which the SERVICE shall be tasked to monitor and enforce the SLR agreements of those services.	
14.4.	<u>Franchise Requirements.</u> Non-franchise holders may participate in this tender but without prejudice to other legal requirements, particularly with respect to the provisioning of commercial services outside the PROJECT;	
14.5.	<u>Installations Costs and Other One Time Charges (OTC).</u> All OTCs, including but not limited to, installation costs and other fees, should be factored into the MSF; and,	
14.6.	<u>Taxes & Other Fees.</u> All proposals shall be inclusive of all taxes.	
15. OTHER MATTERS		
15.1.	Ocular inspection of related facilities is recommended. Please coordinate with Project Manager Eric Toledo (eric.toledo@icto.dost.gov.ph) or Director Philip Varilla (philip.varilla@icto.dost.gov.ph) for the site survey schedule and permits.	

I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false either during bid evaluation or post-qualifications, the same shall give rise to automatic disqualification of our bid.

_____	_____	_____
Name of Company	Signature Over Printed Name Of Authorized Representative	Date

Note: Annexes specified in this Technical Specifications shall be referred to in another document.



Revised Annex VII-A as of 16 June 2015
(Page 1 of 2)

(Bidder's Company Letterhead)

Procurement of Two (2) Lots of System Management and Access Services

BAC4FREEWIFI-2016-05-008

LOT 1: Procurement of System Management and Access 1 Part 2 (SMA1B) Service

TABLE 1: SMA1B Offer Summary

No.	Component Managed Service (CMS)	(A) # CMS Instance	Maximum Monthly Service Fee (MSF) (PhP)	(B) OFFERED Monthly Service Fee (MSF) (PhP)	Total Annual Fee (= 12 x A x B)
1	Network Operations Management Sub-Service	1 lot	102,833.33		
2	Site Access (Wi-Fi), User Capacity = 4-50 users	4,937 sites*	2,217.50		
2*b	Wi-Fi CMS Auxiliary Power Add-On Option, 100W	1,452 sites*	325.00		
3	Site Access (Wi-Fi), User Capacity = 51-100 users	14 sites*	1,025.00		
4	TABLE 1.1: Site Auxiliary Connectivity Service Add-On Option				
Total Offer (= SUM[C])					
ABC, Maximum Offer					243,304,070.00

* The # CMS Instance value for Municipal Point of Presence CMS instances is the maximum value under this tender. It is possible that not all will be required as these are dependent on the availability of connectivity. Bidder may inquire with the DOST ICTO BAC Secretariat as to the exact number of instances that are already required.

CERTIFIED CORRECT:

Name & Signature of Authorized Representative

Position

Date



Revised Annex VII-A as of 16 June 2015
(Page 2 of 2)

(Bidder's Company Letterhead)

Procurement of Two (2) Lots of System Management and Access Services

BAC4FREEWIFI-2016-05-008

LOT 1: Procurement of System Management and Access 1 Part 2 (SMA1B) Service

TABLE 1.1: Site Auxiliary Connectivity Service Add-On Option

No.	Wi-Fi CMS Auxiliary Connectivity Add-On Option	(A) Max. # CMS Instance	Maximum Monthly Service Fee (MSF) (PhP)	(B) OFFERED Monthly Service Fee (MSF) (PhP)	(C) Total Annual Fee (= 12 x A x B)
4a	Class 1 City Connectivity	7	925.00		
4b	Class 2 City Connectivity	14	975.00		
4c	Class 3 City Connectivity	6	1033.33		
4d	Class 4 City Connectivity	6	1083.33		
4e	Class 3 Municipality Connectivity	4,042	866.67		
4f	Class 4 Municipality Connectivity	3,336	916.67		
4g	Class 5 Municipality Connectivity	2,144	975.00		
4h	Class 6 Municipality Connectivity	50	1083.33		
Sub-Total 1.2 (= SUM[C])					

NOTE: The # CMS Instance values are the maximum values under this tender. It is possible that not all will be required as these are dependent on the availability of connectivity. Bidder may inquire with the BAC Secretariat as to the exact number of instances that are already required.

CERTIFIED CORRECT:

Name & Signature of Authorized Representative

Position

Date



ICT OFFICE BAC4FREEWIFI	
REVISED CHECKLIST OF REQUIREMENTS FOR BIDDERS AS OF 16 JUNE 2016	
Name of Company	:
Name of Project	: Procurement of Two (2) Lots of System Management and Access Services
Bid Reference No.	: BAC4FREEWIFI-2016-05-008
ABC	: P618,842,849.00
Ref. No.	Particulars
ENVELOPE 1: ELIGIBILITY AND TECHNICAL DOCUMENTS	
ELIGIBILITY DOCUMENTS	
CLASS "A" DOCUMENTS	
12.1	(a.1.) ELIGIBILITY DOCUMENTS
	i. Registration certificate from the Securities and Exchange Commission (SEC), Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives
	ii. Business/Mayor's permit for 2016 issued by the city or municipality where the principal place of business of the prospective bidder is located
	iii. Valid and Current Tax Clearance per Executive Order 398, Series of 2005, as finally reviewed and approved by the BIR.
	iv. Statement of all its Ongoing (including awarded contract/s not yet started, if any) and Completed Contracts within the last three (3) Years, (Annex I)
	v. Statement of Completed Single Largest Contract from January 2010 up to the day before the deadline for the submission bids of similar in nature equivalent to at least fifty percent (50%) of the ABC Or Statement of At Least Two (2) Completed Contracts of Similar Nature Within the Last Five Years From the Date of Submission and Receipt of Bids, the Aggregate of Which Should be Equivalent to at least Fifty Percent (50%) of the ABC, and the Largest of These Similar Contract Must be Equivalent to at Least Twenty Five Percent (25%) of the ABC for this Project. Revised Annex I-A as of 2 June 2016
	vi. Copy of 2015 Annual Income Tax Return submitted through BIR's Electronic Filing and Payment System (EFPS) together with the following Audited Financial Statements for 2015 and 2014 (in comparative form or separate reports): a) Copy of Independent Auditor's Report; b) Balance Sheet (Statement of Financial Position); c) Income Statement (Statement of Comprehensive Income); Each of the above statements must have stamped " received " by the Bureau of Internal Revenue (BIR) or its duly accredited and authorized institutions
	vii. Duly signed Net Financial Contracting Capacity Computation (NFCC) of the lot being bid per Annex II , in accordance with ITB Clause 5.5 NFCC = [(Current Assets minus Current Liabilities) (K)] minus the value of all outstanding or uncompleted portions of the projects under ongoing contracts, including awarded contracts yet to be started coinciding with the contract to be bid. Where: K: 10 for a contract duration of one year or less, 15 for a contract duration of more than one year up to two years, and 20 for a contract duration of more than two years.

	<p>Notes:</p> <ol style="list-style-type: none"> The values of the bidder's current assets and current liabilities shall be based on the data submitted to BIR through its Electronic Filing and Payment System. Value of all outstanding or uncompleted contracts refers those listed in Annex-I. The detailed computation using the required formula must be shown as provided above. 																
CLASS "B" DOCUMENTS (FOR JOINT VENTURE)																	
	<p>i. For Joint Ventures, Bidder to submit either:</p> <ol style="list-style-type: none"> Copy of the JOINT VENTURE AGREEMENT (JVA) in case the joint venture is already in existence, or Copy of Protocol / Undertaking of Agreement to Enter into Joint Venture signed by all the potential joint venture partners stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful. (Annex III) <p><u>The JVA or the Protocol/Undertaking of Agreement to Enter into Joint Venture (Annex III) must include/specify the company/partner and the name of the office designated as authorized representative of the Joint Venture.</u></p> <p>For Joint Venture, the following documents must likewise be submitted:</p> <p>For Joint Venture Between Two (2) Local Companies, each partner should submit:</p> <ol style="list-style-type: none"> Registration Certificate from the Securities and Exchange Commission (SEC) for corporations, Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for cooperatives; Business/Mayor's permit for 2016 issued by the city or municipality where the principal place of business of the prospective bidder is located; Valid and Current Tax Clearance per Executive Order 398, Series of 2005, as finally reviewed and approved by the BIR. 																
	<p>For item (iv) to (vii) of the required eligibility documents, submission by any of the Joint Venture partner constitutes compliance.</p>																
TECHNICAL DOCUMENTS																	
12.1	<p>Bid security shall be issued in favor of the INFORMATION AND COMMUNICATIONS TECHNOLOGY OFFICE (ICT Office) valid at least one hundred twenty (120) days after date of bid opening in any of the following forms:</p> <ol style="list-style-type: none"> BID SECURING DECLARATION per Annex IV; or Cashier's / Manager's Check equivalent to at least 2% of ABC issued by a Local or Universal or Local Commercial Bank. <table border="1"> <thead> <tr> <th>Lot No.</th> <th>Description</th> <th>Qty</th> <th>ICT Office ABC Total Price</th> <th>Bid Security: Cash, Cashier's / Manager's Check, (2%) (P)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Procurement of System Management and Access 1 Part 2 (SMA1B) Service</td> <td>1 Lot</td> <td>243,304,070.00</td> <td>4,666,081.40</td> </tr> <tr> <td>2</td> <td>Procurement of System Management and Access 2 (SMA2) Service</td> <td>1 Lot</td> <td>375,538,779.00</td> <td>7,510,775.58</td> </tr> </tbody> </table>	Lot No.	Description	Qty	ICT Office ABC Total Price	Bid Security: Cash, Cashier's / Manager's Check, (2%) (P)	1	Procurement of System Management and Access 1 Part 2 (SMA1B) Service	1 Lot	243,304,070.00	4,666,081.40	2	Procurement of System Management and Access 2 (SMA2) Service	1 Lot	375,538,779.00	7,510,775.58	
Lot No.	Description	Qty	ICT Office ABC Total Price	Bid Security: Cash, Cashier's / Manager's Check, (2%) (P)													
1	Procurement of System Management and Access 1 Part 2 (SMA1B) Service	1 Lot	243,304,070.00	4,666,081.40													
2	Procurement of System Management and Access 2 (SMA2) Service	1 Lot	375,538,779.00	7,510,775.58													

12.1	<p>Proof of Authority of the Bidder's authorized representative/s:</p> <p>a) FOR SOLE PROPRIETORSHIP (IF OWNER OPTS TO APPOINT A REPRESENTATIVE): Duly notarized Special Power of Attorney</p> <p>b) FOR CORPORATIONS, COOPERATIVE OR THE MEMBERS OF THE JOINT VENTURE: Duly notarized Secretary's Certificate evidencing the authority of the designated representative/s.</p> <p>c) IN THE CASE OF UNINCORPORATED JOINT VENTURE: Each member shall submit a separate Special Power of Attorney and/or Secretary's Certificate evidencing the authority of the designated representative/s.</p>																	
12.1	Omnibus Sworn Statements using the form prescribed. (Annex V)																	
	a) Authority of the designated representative																	
	b) Non-inclusion of blacklist or under suspension status																	
	c) Authenticity of Submitted Documents																	
	d) Authority to validate Submitted Documents																	
	e) Disclosure of Relations																	
	f) Compliance with existing labor laws and standards																	
	g) Bidder's Responsibility																	
	h) Did not pay any form of consideration																	
	i) Company Official Contact Reference																	
12.1 (b)(xii)	Compliance with the Schedule of Requirements as per Section VI																	
12.1 (b)(xiii)	Compliance with the Technical Specifications_ as per Section VII Lot 1 – SMA1B – Revised Technical Specifications as of 16 June 2016 Lot 2 – SMA2 – Revised Technical Specifications as of 2 June 2016																	
ENVELOPE 2: FINANCIAL DOCUMENTS																		
13.1 (a)	<p>Completed and signed Financial Bid Form. Bidder must use, accomplish and submit Financial Bid Form hereto attached as:</p> <table border="1" data-bbox="306 1249 1345 1541"> <thead> <tr> <th rowspan="2">Annex</th> <th rowspan="2">Lot No.</th> <th rowspan="2">Description</th> <th rowspan="2">Qty</th> <th>ABC P (VAT Inclusive)</th> </tr> <tr> <th>Total</th> </tr> </thead> <tbody> <tr> <td>VI-A</td> <td>1</td> <td>Procurement of System Management and Access 1 Part 2 (SMA1B) Service</td> <td>1 Lot</td> <td>243,304,070.00</td> </tr> <tr> <td>VI-B</td> <td>2</td> <td>Procurement of System Management and Access 2 (SMA2) Service</td> <td>1 Lot</td> <td>375,538,779.00</td> </tr> </tbody> </table> <p>The ABC is inclusive of VAT. Any proposal with a financial component exceeding the ABC shall not be accepted. Further, the sum of bid for each item indicated in the Detailed Financial Breakdown per Annex VII-A must be equal to the signed and submitted Financial Bid Form per Annex VII.</p>	Annex	Lot No.	Description	Qty	ABC P (VAT Inclusive)	Total	VI-A	1	Procurement of System Management and Access 1 Part 2 (SMA1B) Service	1 Lot	243,304,070.00	VI-B	2	Procurement of System Management and Access 2 (SMA2) Service	1 Lot	375,538,779.00	
Annex	Lot No.					Description	Qty	ABC P (VAT Inclusive)										
		Total																
VI-A	1	Procurement of System Management and Access 1 Part 2 (SMA1B) Service	1 Lot	243,304,070.00														
VI-B	2	Procurement of System Management and Access 2 (SMA2) Service	1 Lot	375,538,779.00														

Detailed Financial Breakdown per:					
	Annex	Lot No.	Description	Qty	ABC P (VAT Inclusive)
					Total
13.1 (a)	Revised VII-A as of 16 June 2016	1	Procurement of System Management and Access 1 Part 2 (SMA1B) Service	1 Lot	243,304,070.00
	VII-B	2	Procurement of System Management and Access 2 (SMA2) Service	1 Lot	375,538,779.00
13.1 (b)	If the Bidder claims preference as a Domestic Bidder or Domestic Entity, a Certification from the DTI, SEC or CDA to be enclosed pursuant to the Revised IRR of R.A. 9184.				
NOTE:	In case of inconsistency between the Checklist of Requirements for Bidders and the provisions in the Instruction to Bidders/Bid Data Sheet, the Instruction to Bidders/Bid Data Sheet shall prevail				